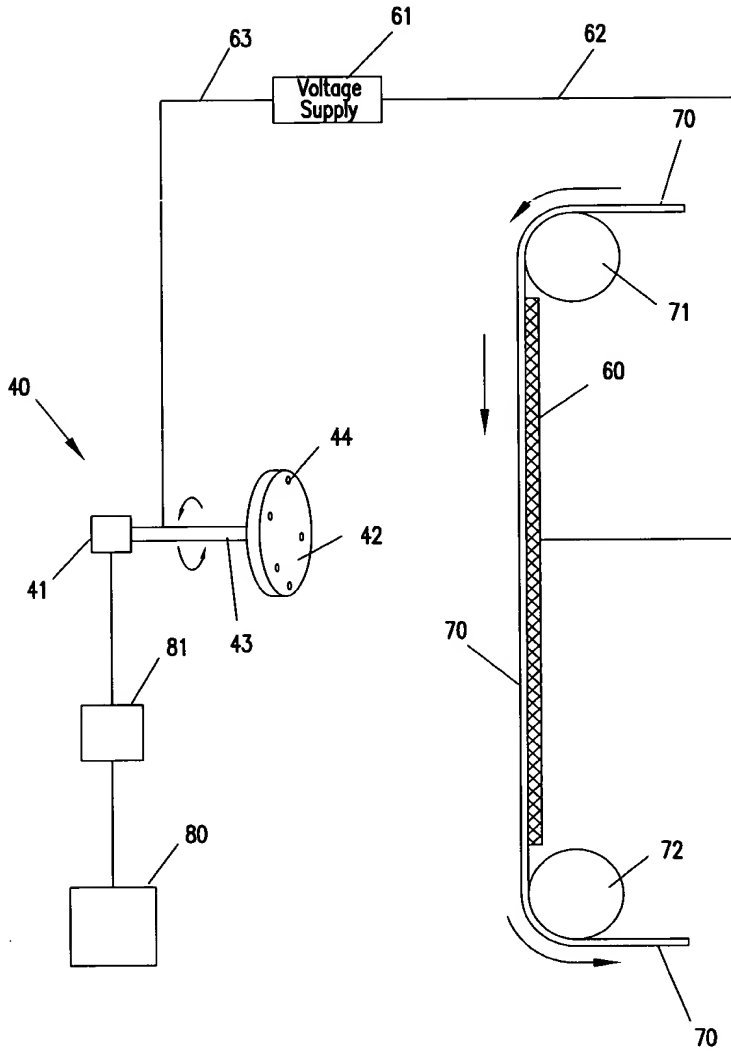
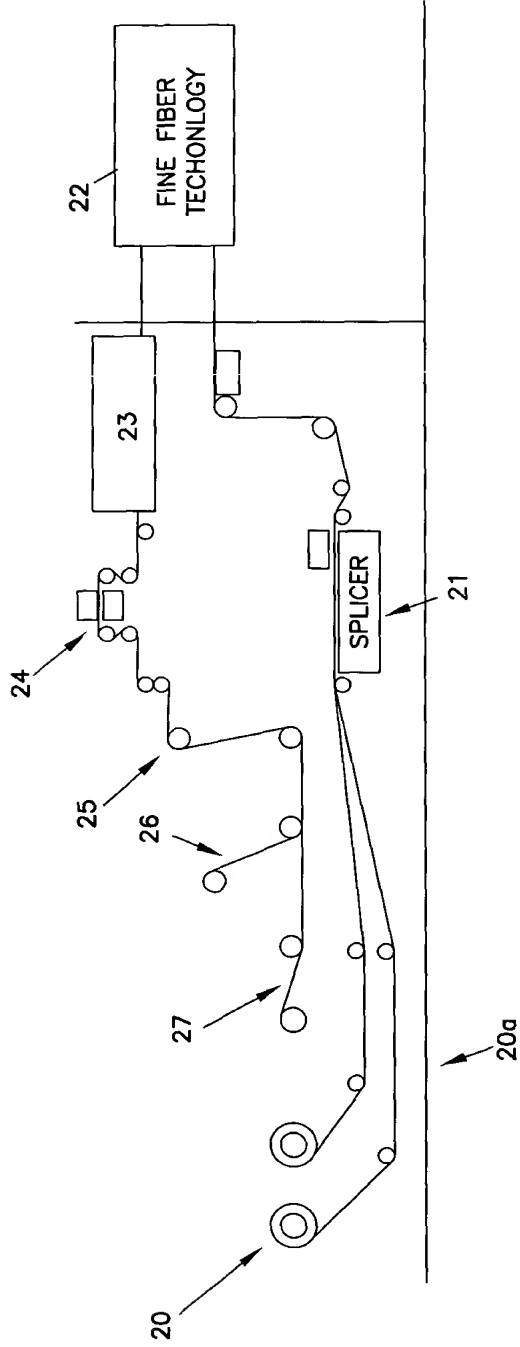


FIG. 1



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FIG. 2

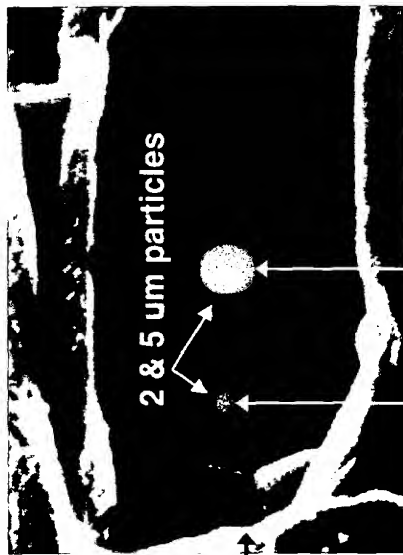


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FIG. 3A

Cellulose Media



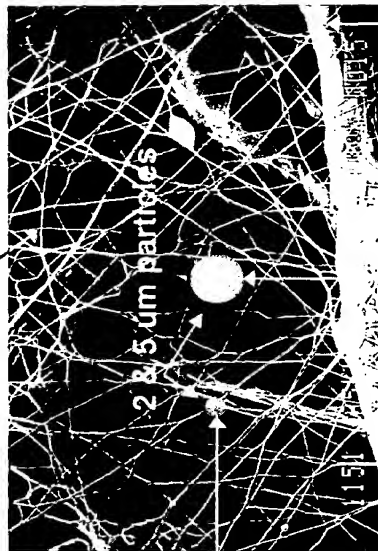
33

31

32

FIG. 3B

Ultra-Web



31

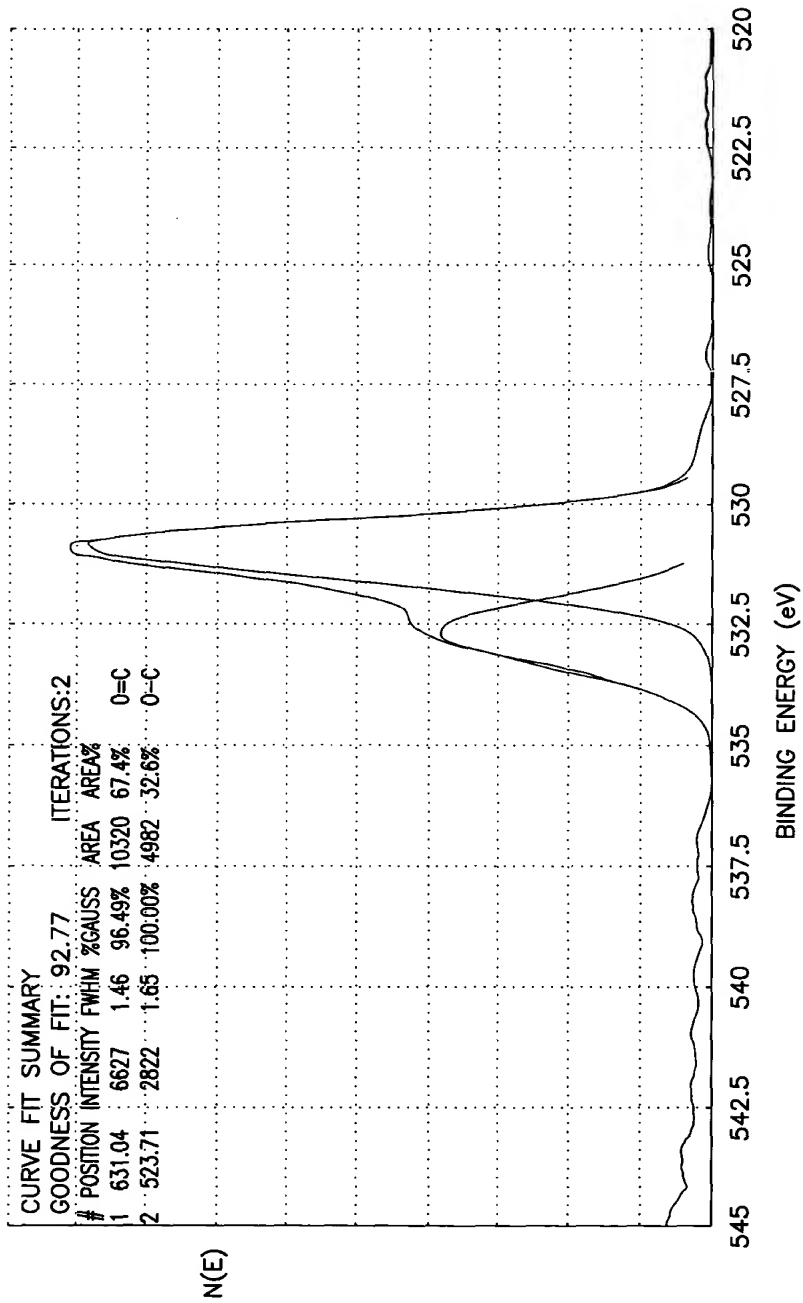
32

33

2,000 X Scanning Electron Microscope Images

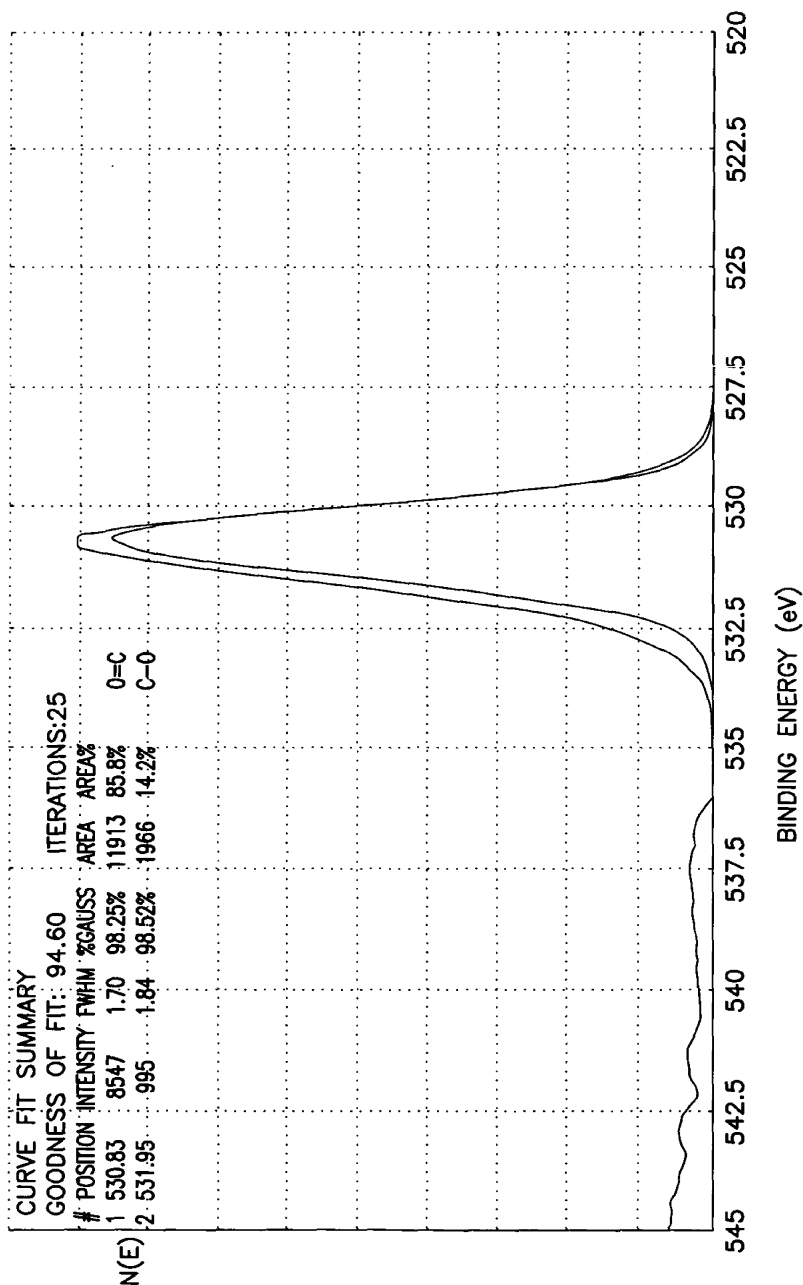
FIG. 4

ESCA O1s SPECTRA FOR SAMPLE 6A AS SPAN



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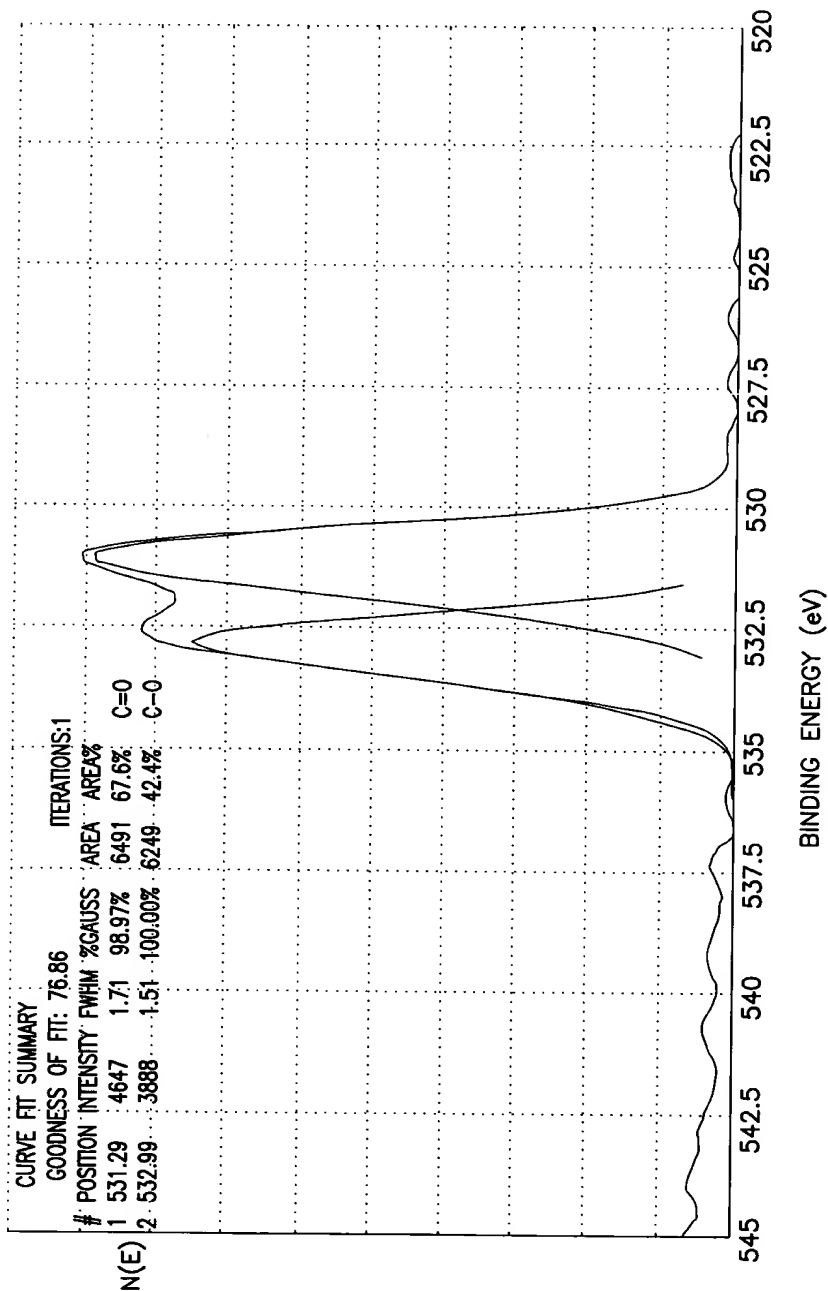
FIG. 5 ESCA O1s SPECTRA FOR HEAT-TREATED SAMPLE 6A



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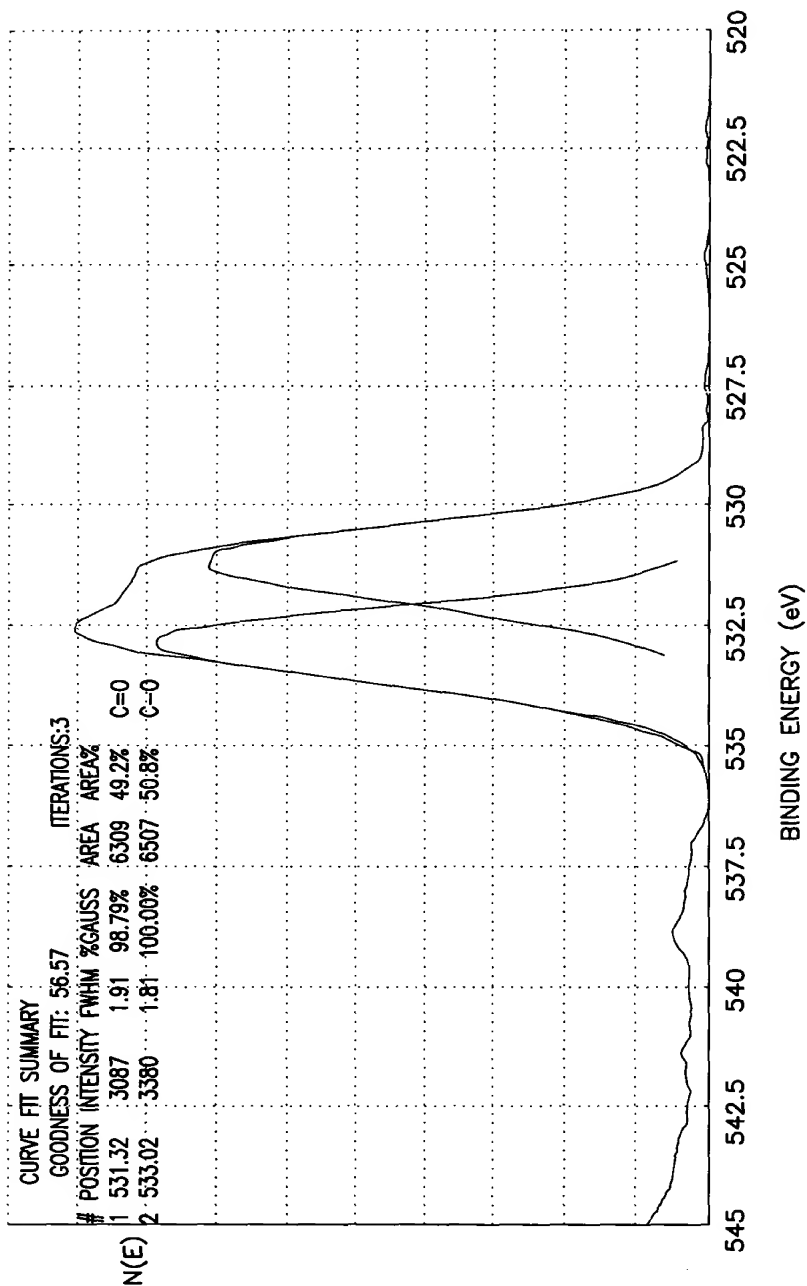
FIG. 6

ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B



202010" 69TT4860

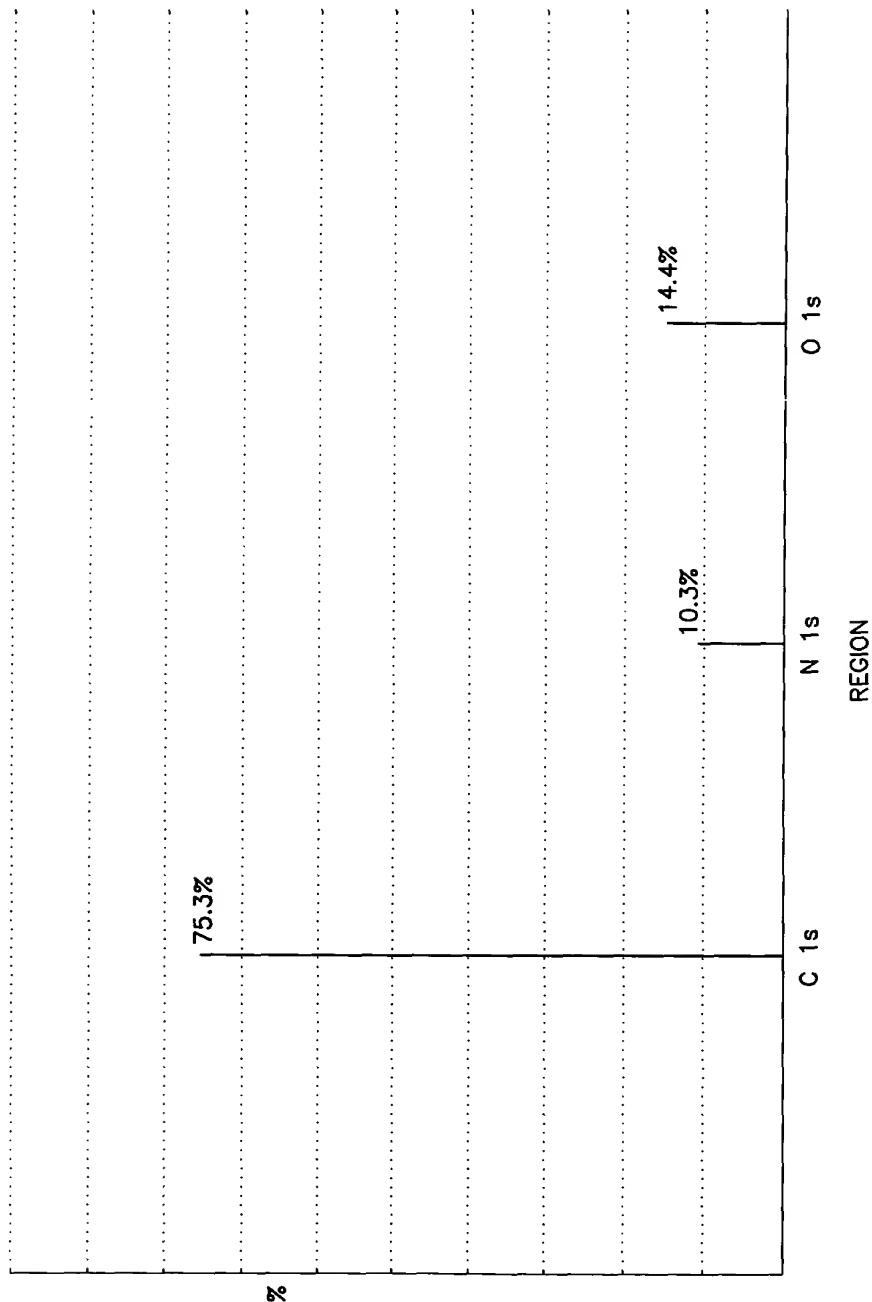
ESCA O1s SPECTRA FOR HEAT-TREATED EXAMPLE 6B



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FIG. 8

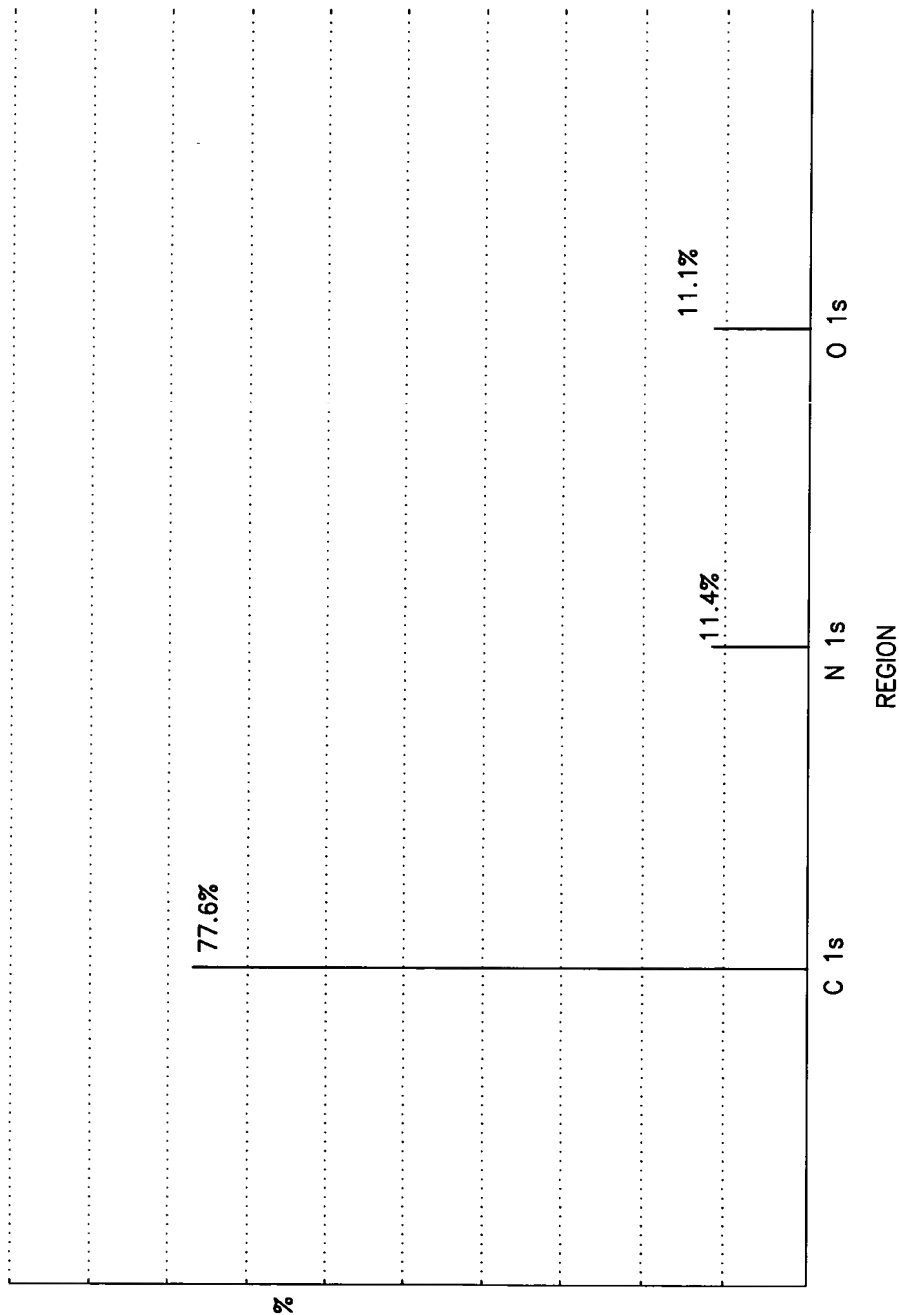
ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE: 6A



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FIG. 9

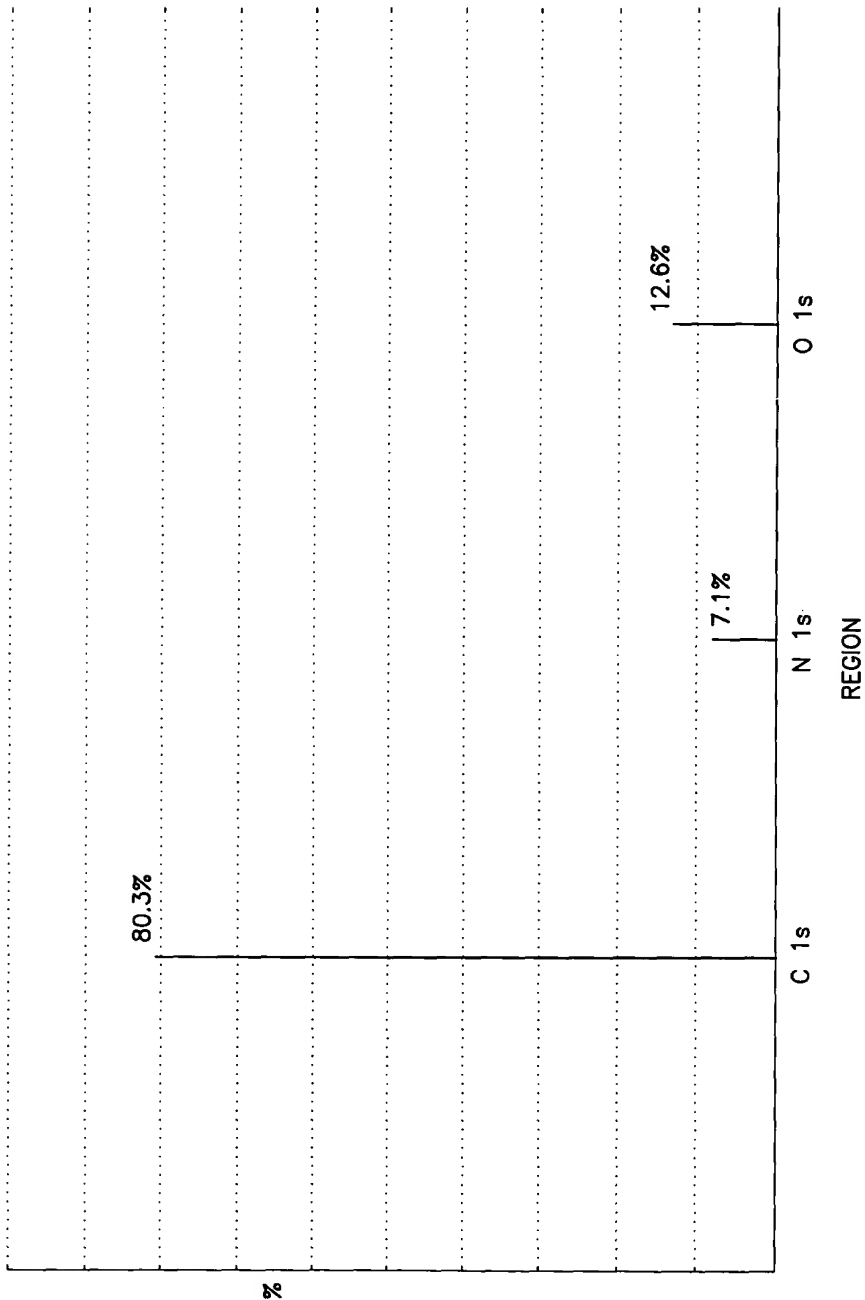
ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A



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FIG. 10

ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B



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FIG. 11

ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

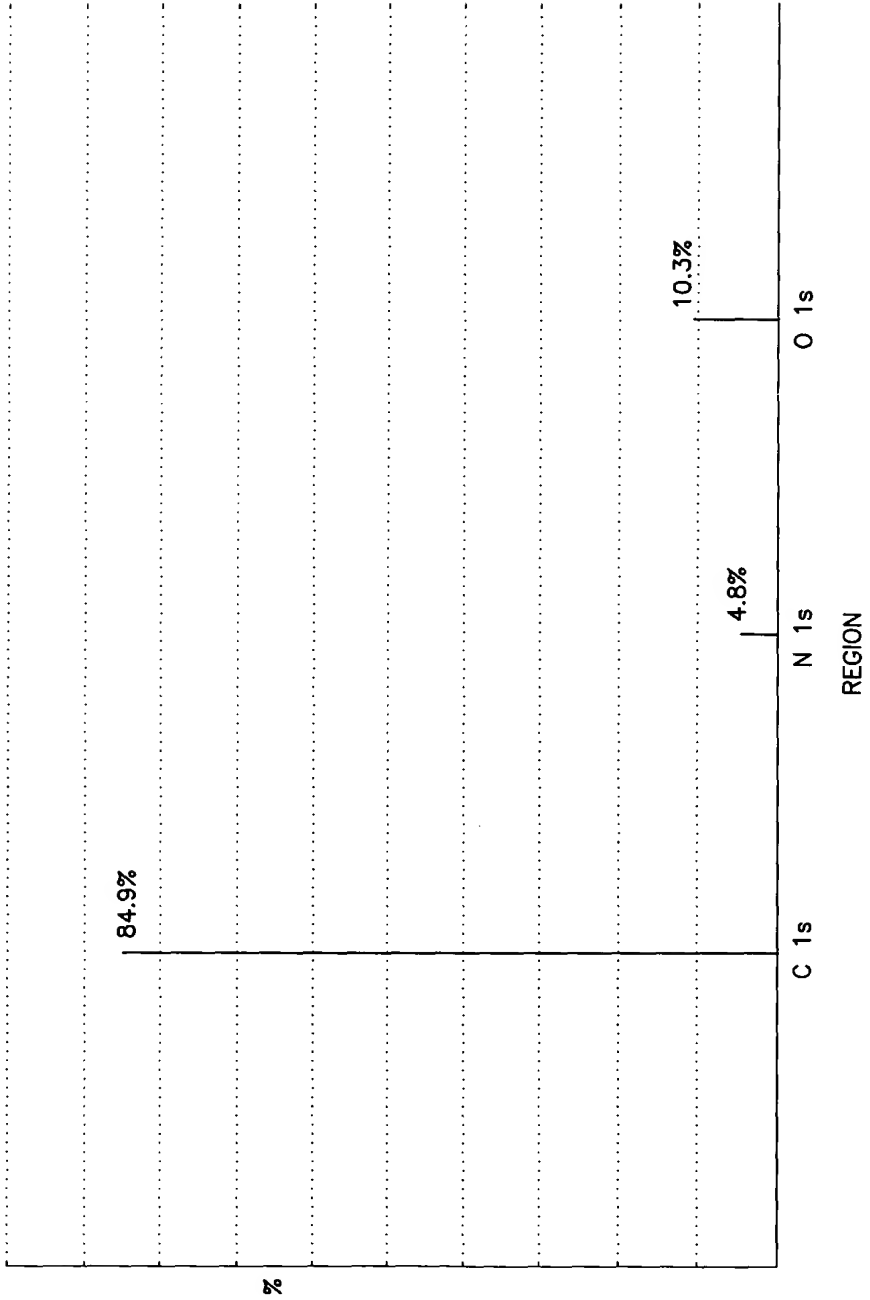


FIG. 12

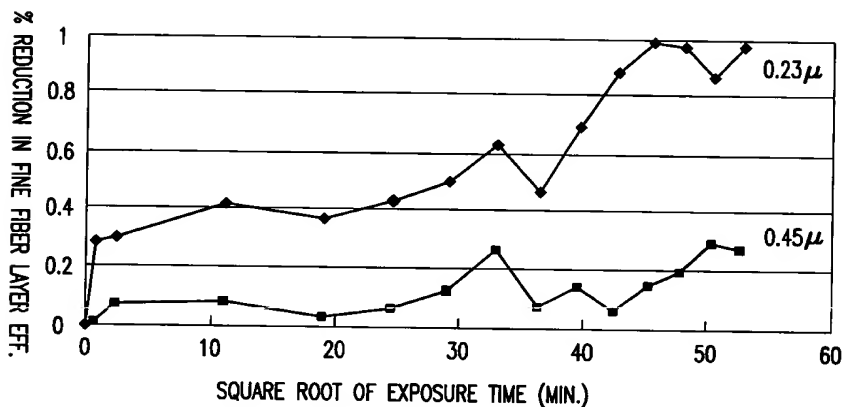
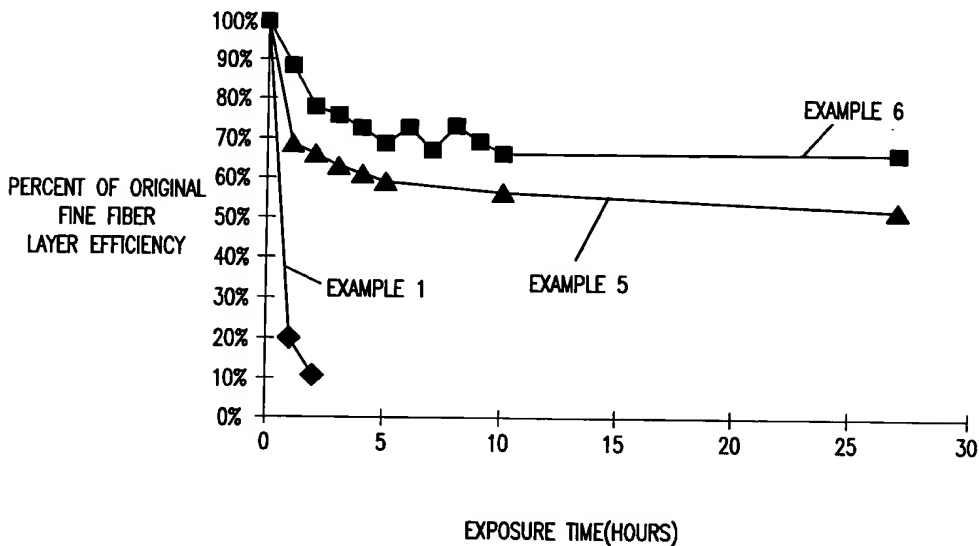


FIG. 13



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FIG. 14

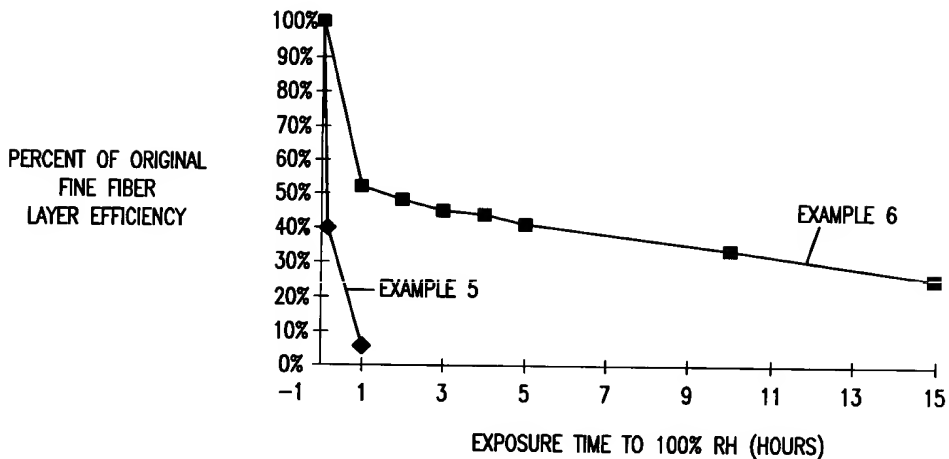
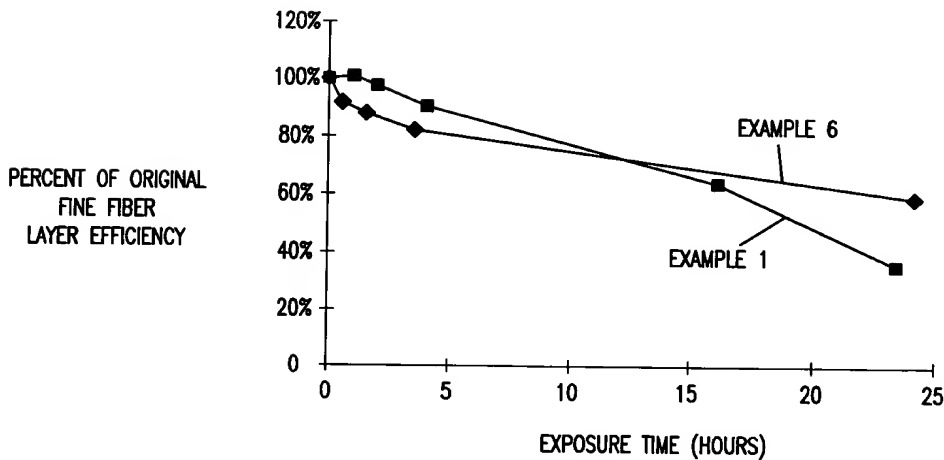
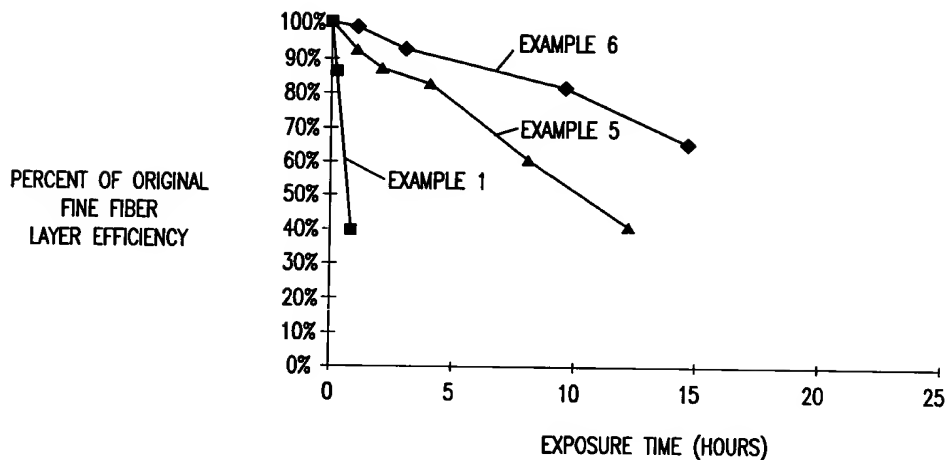


FIG. 15



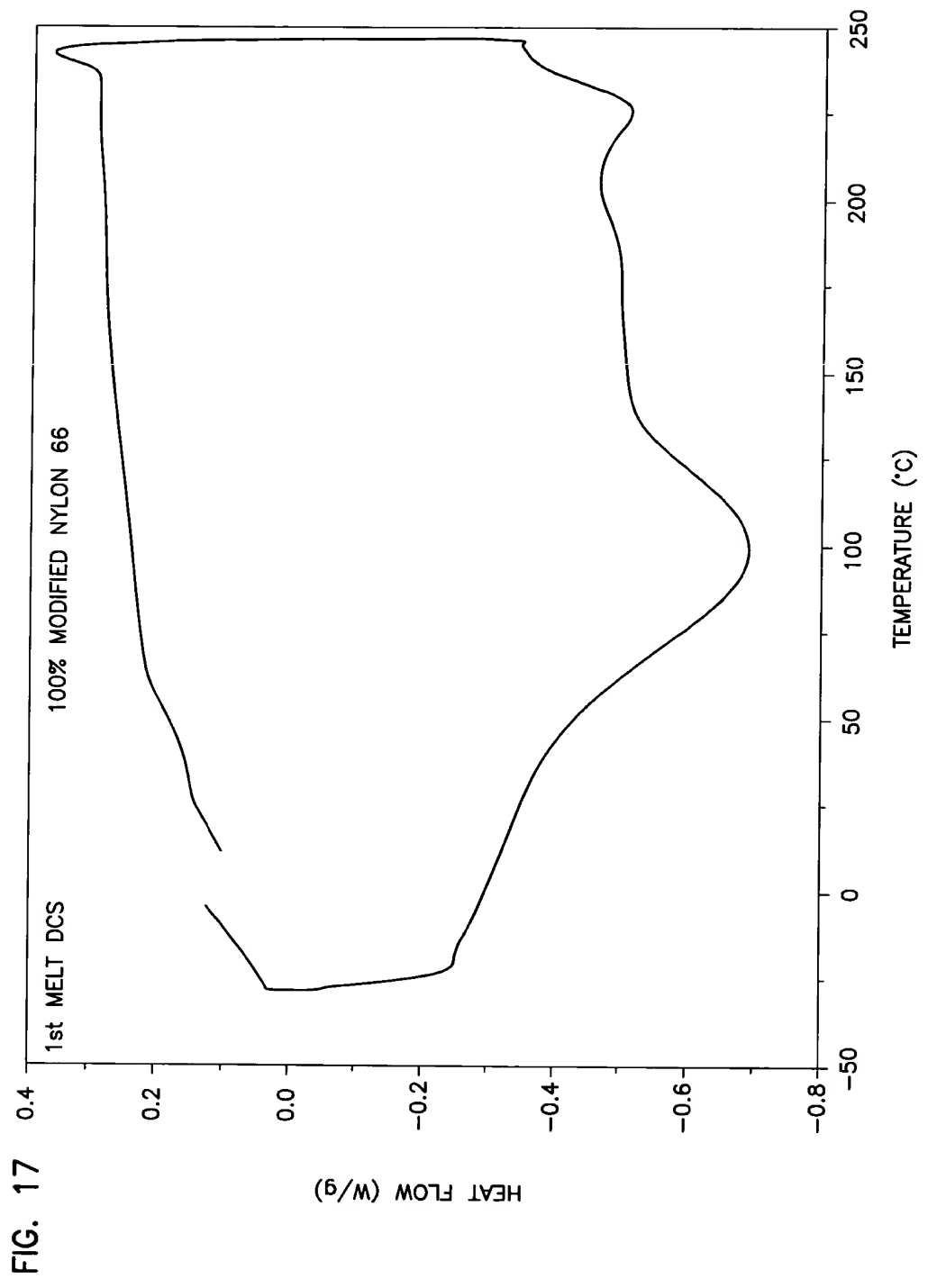
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FIG. 16



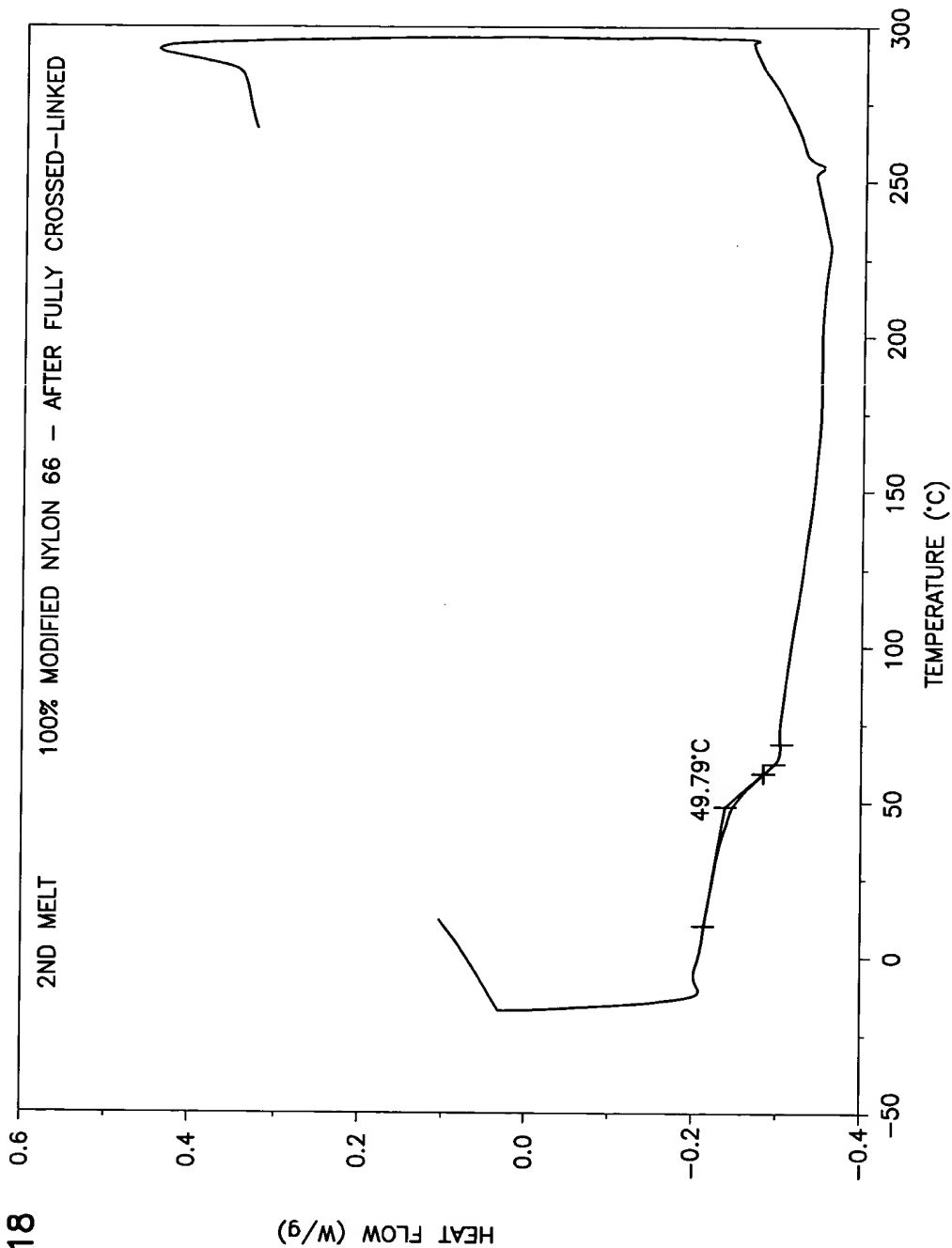
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FIG. 18



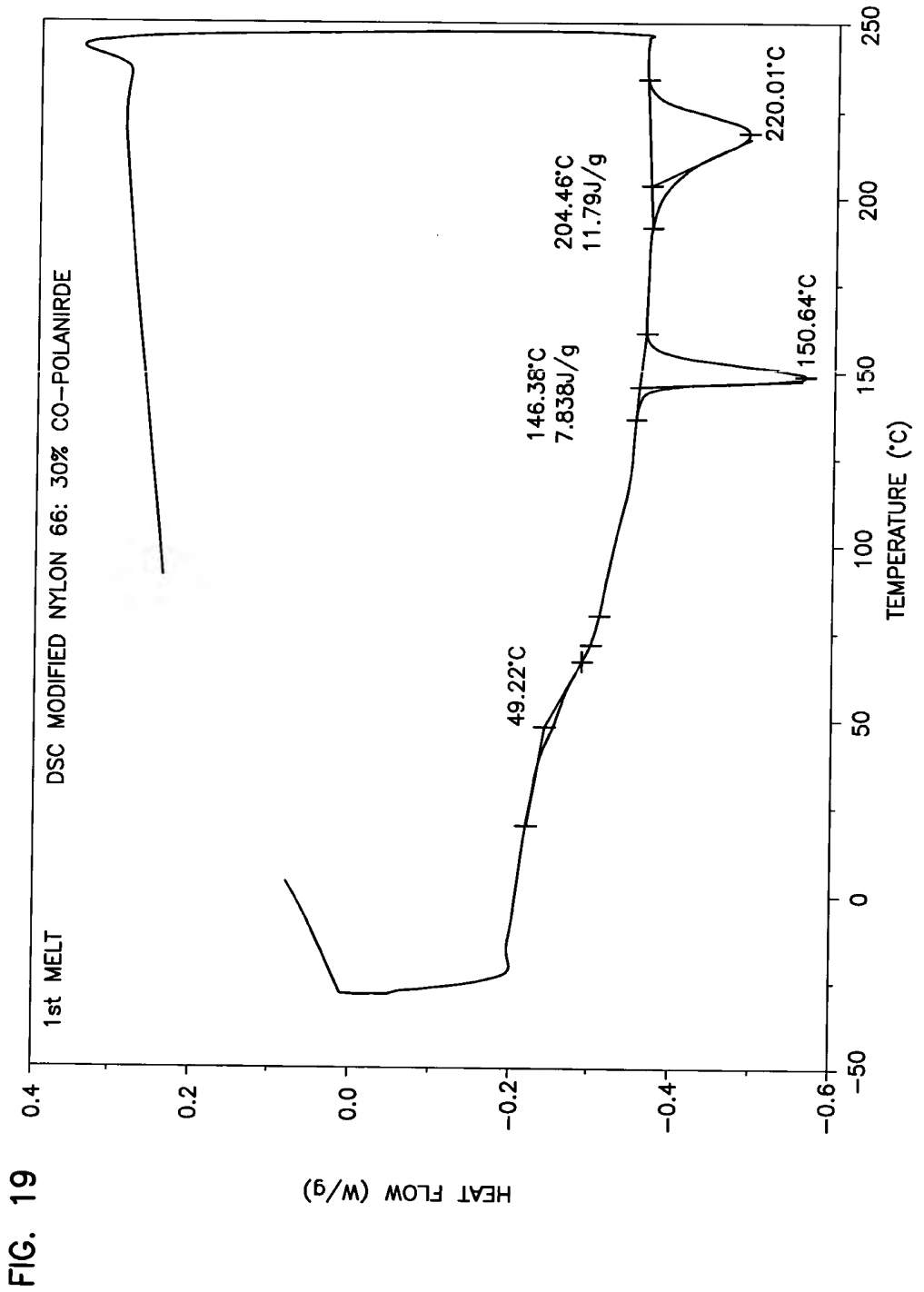
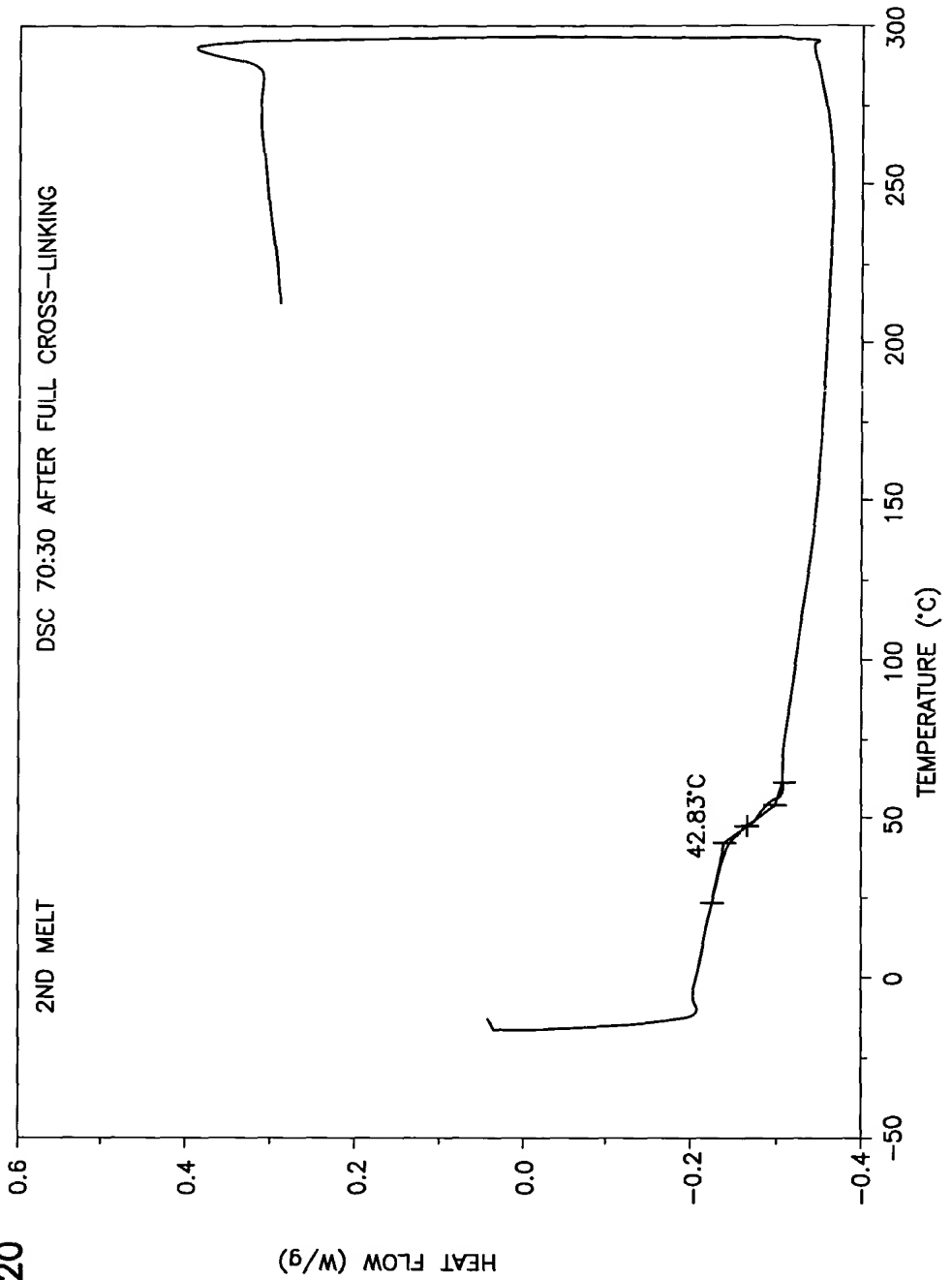


FIG. 20



[illegible]

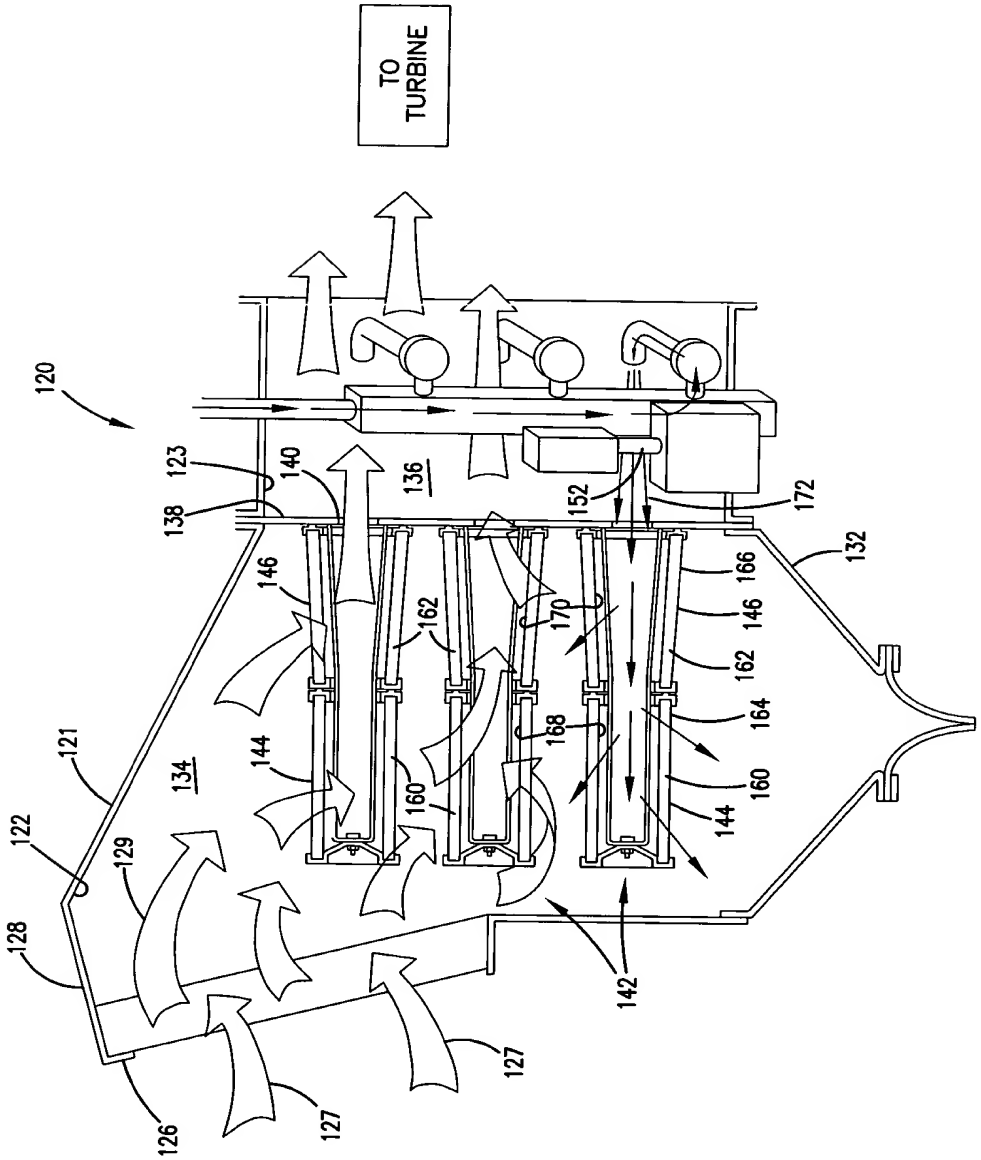


FIG. 22

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